

Title (en)  
IMPROVED NURSERY TRAYS AND HANDLING MECHANISMS THEREFOR

Title (de)  
VERBESSERTE SÄMLINGSCHALEN UND BEHANDLUNGSMECHANISMUS HIERFÜR

Title (fr)  
PERFECTIONNEMENT APORTE A DES BASSINS D'INCUBATION ET MECANISME DE MANIPULATION DESDITS BASSINS

Publication  
**EP 1019292 A4 20010523 (EN)**

Application  
**EP 97938683 A 19970911**

Priority  
• AU 9700596 W 19970911  
• AU PO223196 A 19960911

Abstract (en)  
[origin: US6237286B1] The present invention relates to an improved nursery tray and apparatus for handling such a nursery tray during propagating and growing periods, the tray (10) comprising a plurality of cells (18) in a predetermined array having two opposed side walls (14, 15) and two opposed end walls (16, 17), the tray being characterized by a plurality of spaced slots (28) located in opposed walls (14, 15, 16, 17) with each slot (28) being aligned with a space between two of said cells (18) and each slot (28) having an open end at a lower edge of the walls (14, 15, 16, 17) in which the slots are formed, the apparatus for handling such trays being characterized by support members (40) interconnected by chains (46) into an endless configuration capable of being driven by drive means (42) such that the support members move along guideways (41), the support members (40) each having at least one elevated tray engagement part (45) configured to engage in tray edge formations such as the slots (28) to support the trays in a manner preventing obstruction of their lower faces.

IPC 1-7  
**B65D 1/36**; **B65D 1/42**; **B65D 85/52**; **A01G 9/10**; **A01C 11/02**; **B65G 17/12**; **B65G 17/42**; **B65G 47/82**; **B65G 47/84**

IPC 8 full level  
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Citation (search report)  
• [A] US 5274953 A 19940104 - NICHOLSON SCOTT [US]  
• [A] US 4769946 A 19880913 - DE GROOT PETER F [US], et al

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CN113633142A

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**WO 9810990 A1 19980319**; AT E260812 T1 20040315; AU PO223196 A0 19961003; DE 69727982 D1 20040408; DE 69727982 T2 20050310; EP 1019292 A1 20000719; EP 1019292 A4 20010523; EP 1019292 B1 20040303; ES 2217426 T3 20041101; US 6237286 B1 20010529

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